

Lastly, It might have happened that this little *Leach* came out of the Body of some small Fish into that of the *Bonite*, which had swallowed it. I made this Observation the 28th of *July*, 1724, in a Voyage from *Batavia* to *Bengal*.

Explanation of the Figure Tab. I. Fig. 2.

- A, The Body, in its natural Bigness.
- B, The Belly, through which appear some black Lines, which are its Entrails.
- C, The Protuberance, with which it fastens itself.
- D, The Places where it places the Pump and Protuberance, when it moves along.
- E, The Head, under which is the Pump.

The pricked Circles are to mark the Extent of the Motions of its Head and Belly.

III. Typus Eclipseos Solaris observatæ Julii 15, S. N. 4, S. V. Anno 1730. Witebergæ Saxonum, à Joh. Frider. Weidler, J. U. D. Mathem. Prof. Ordin. Reg. Soc. Scientiar. Pruss. Sodali.

<i>Tempus Ver.</i>	<i>antem.</i>	<i>Phases Eclipticæ.</i>
H. 1	"	<i>Digit. Min.</i>
3 56	○	Sol oritur post Nubes.
59	○	5 & paulo plus Sol latet post Nubes.

(395)

H.	'	"	Dig.	Min.
4	10	30	6	55
	26	0	6	30
	33	0	6	0
	38	0	5	30
	43	30	5	0
	47	0	4	30
	50	15	4	0
	53	30	3	30
	57	0	3	0
5	3	30	2	0
	7	0	1	30
	10	30	1	0
	13	0	0	30
	15	30		Finis.

A N N O T A T.

I. Sol oriens figuram orbis monstrat ellipticam: diameter verticalis duobus digitis sive sexta sui parte contractior appetet horizontali.

Vid. Tab. Fig. 3.

II. Memorabilis erat conspectus orbis Lunæ aspero margine prædicti, quoad partem quæ in occasum spectabat. Distincte enim cernabatur H. 4. M. 3. Vallis $\frac{1}{3}$ diam. Lunæ profunda & $\frac{1}{2}$ ejusdem diam. circiter longa. In progressu eclipses asperitas limbi Lunæ minuebatur, & adhærente eidem fascia cœrulea abscondebatur. Hæc enim fascia sensim sole altius surgente dilatabatur. Tum præter colorem cœruleum etiam puniceus Lunæ proprius incumbens in oculos incurribat, & circa finem deliquii fasciæ coloratæ spissitudo trigesimæ

trigesimæ sextæ parti diametri Lunaris prope par videtur.

III. Præterea juxta Lunaris disci marginem coloratum perpetua Luminis solaris commotio notata est.

IV. Observatio ejusdem Defectus Solis habita Patavii, ab J. Poleno.

ORIENTE Sole, Nubes tenues Finitorem quasi cingebant: quibus deinde evanescentibus, aer tantillum nebulosus fuit, ut maculæ solares haud satis distincte apparerent.

Digiti Temp. Ver.
Obscur.

	H.	'	"	July 14. 1730. S. N.
4	16	46	12	
3 $\frac{1}{2}$	16	48	7	
3	16	50	36	
2	16	57	24	
1	17	1	20	
$\frac{1}{2}$	17	3	29	
Finis	17	6	8	
totius				
Obscur.				

Tab. I.

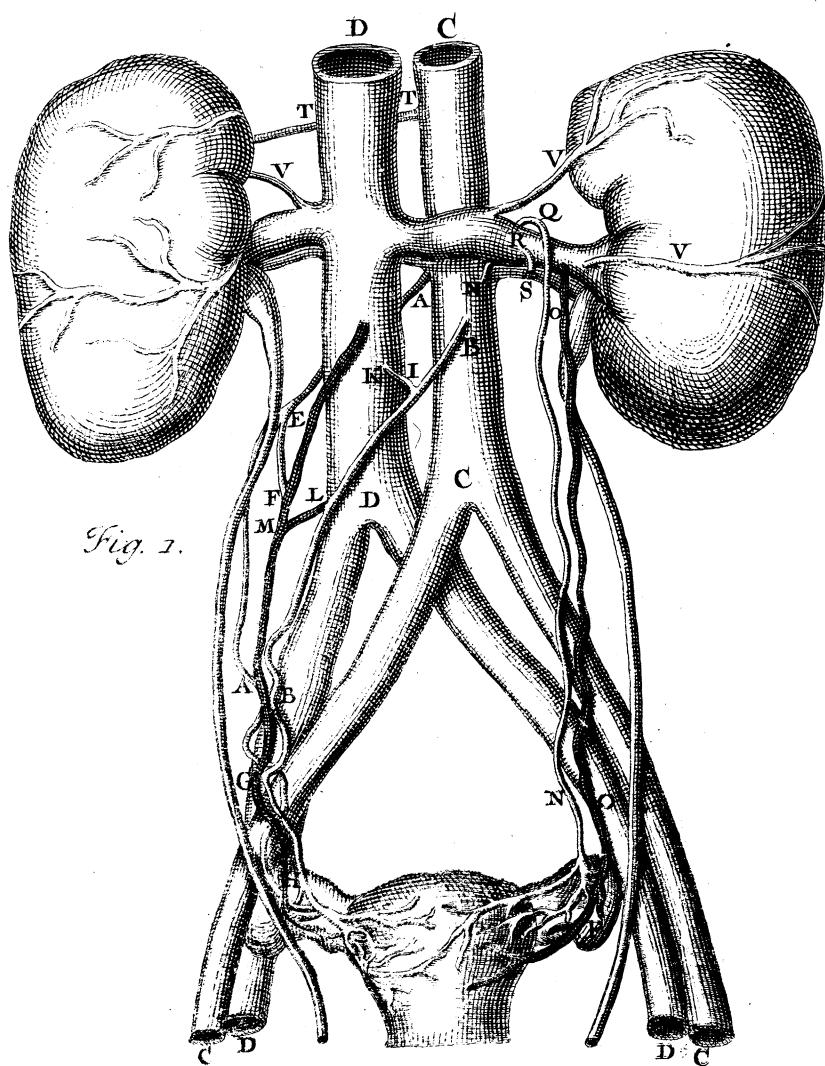
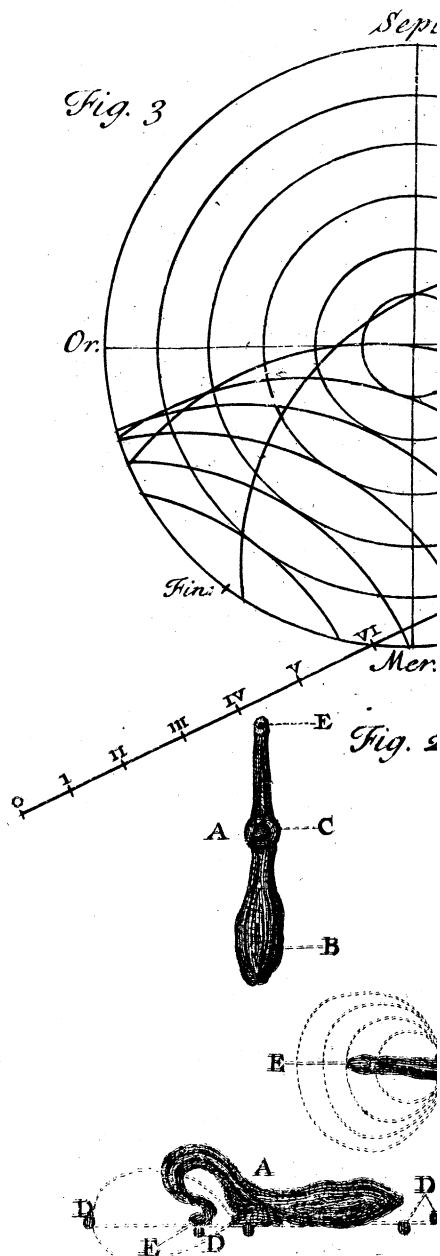


Fig. 3



C. M. delin.

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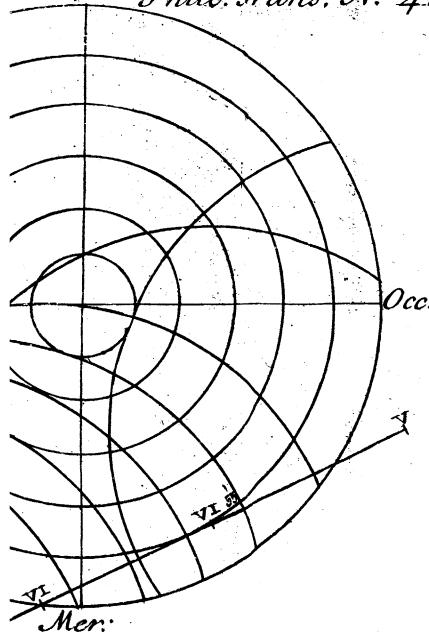
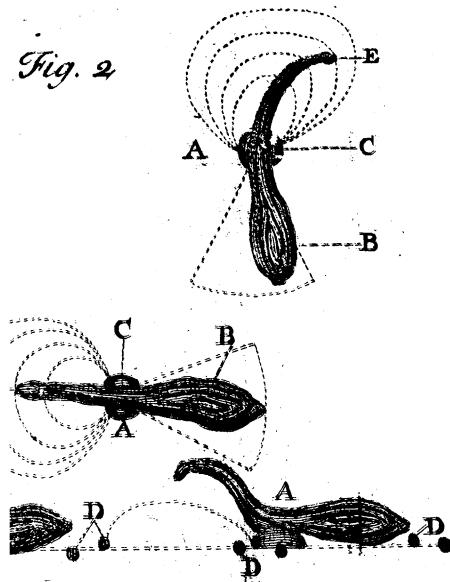
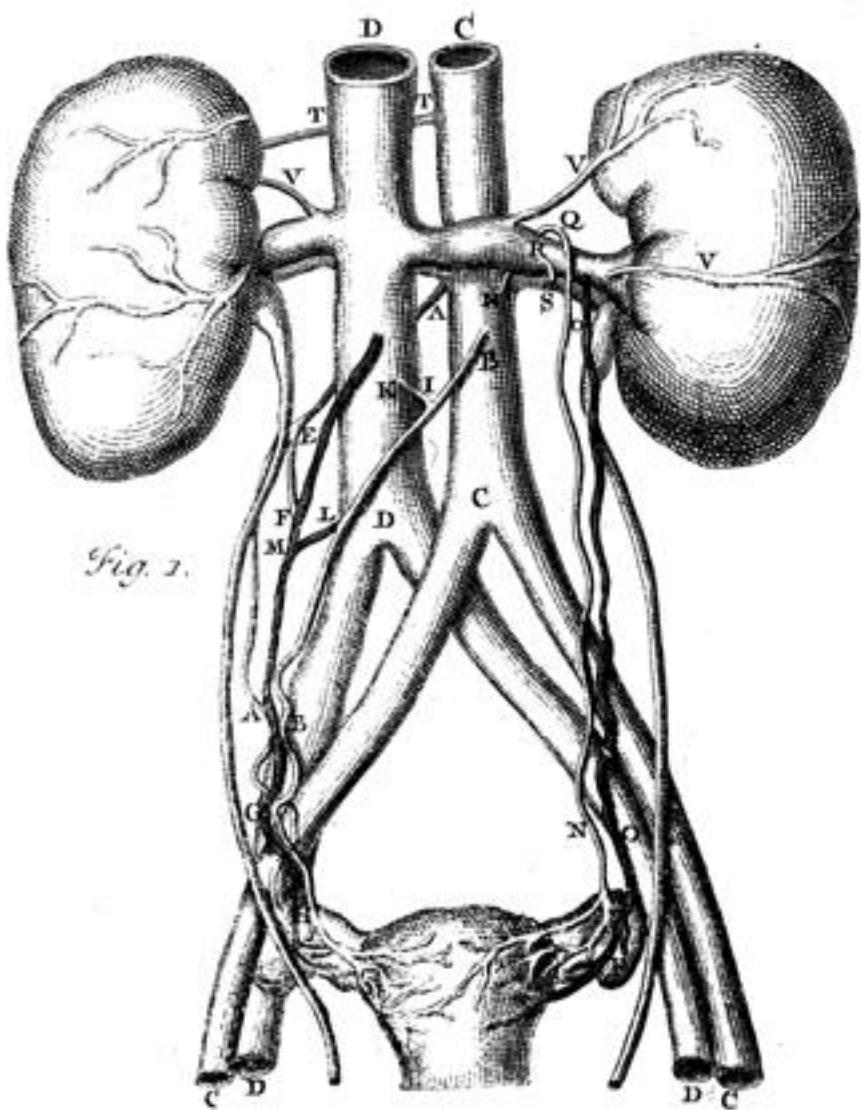


Fig. 2



Tab. I.



C. M. deles.

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Fig. 3

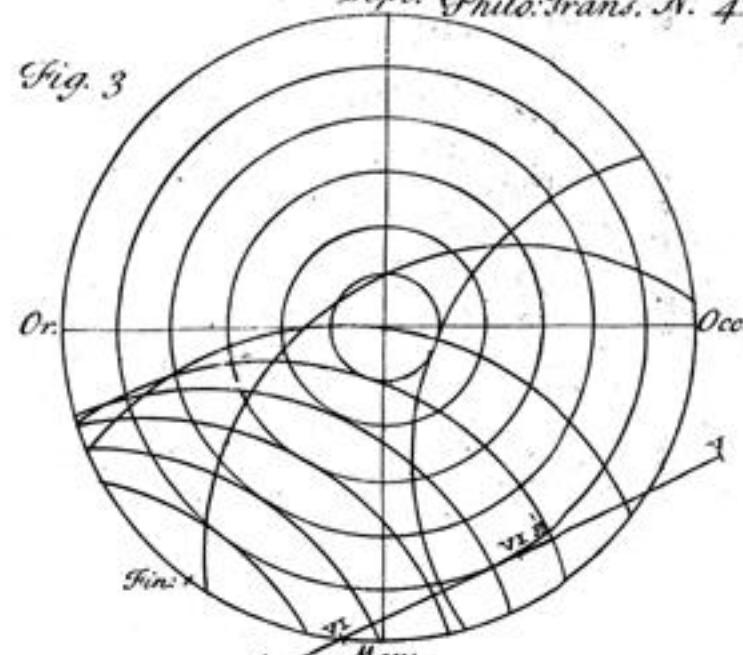


Fig. 2

